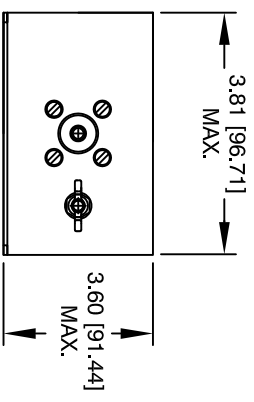
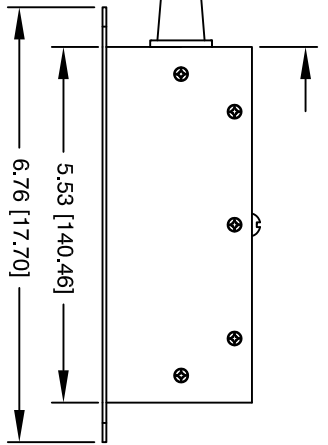
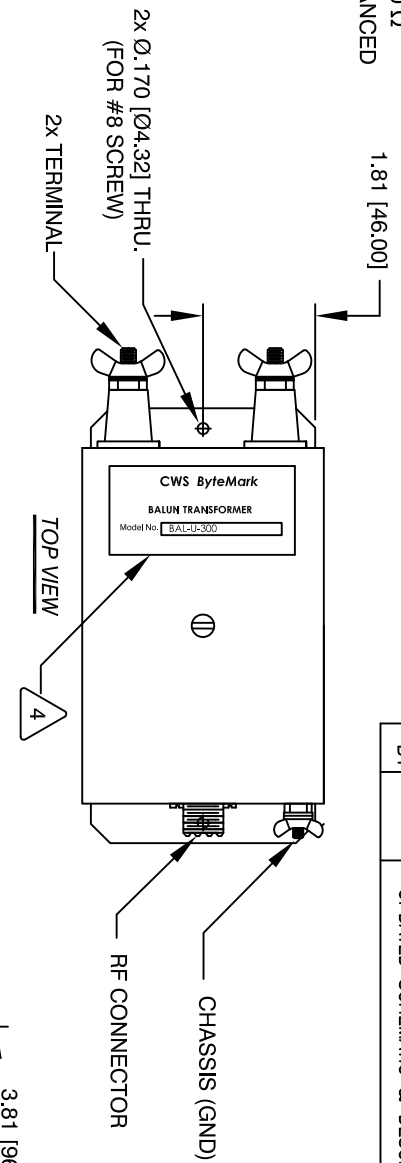
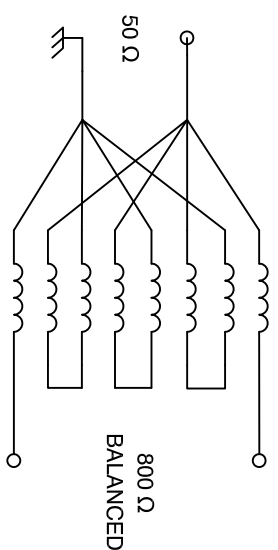


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- 6 BUILT TO ROHS COMPLIANCE TO A 50 Ω UNBALANCED LINE. WITH 800 Ω UNBALANCED LOAD FOR OFF-CENTER FED ANTENNAS APPLICATIONS:
- 5 WHERE SHOWN MARK PART NUMBER AND REVISION
- 4 EFFICIENCY = 97%
POWER RATING: 1 KW CONTINUOUS, 2 KW PEAK.
FREQUENCY RANGE: 1.70 MHZ TO 2.20 MHZ
CERAMIC FEED-THROUGH POSTS
BALANCED/UNBALANCE OUTPUT: 800 Ω UNBALANCED CO-AXIAL INPUT: 50 Ω SO239 BOTH CURRENT & VOLTAGE BALUN
IMPEDANCE MATCH RATIO: 1:16
SPECIFICATIONS:

- 3 WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE
CWS BYTEMARK OR OTHER APPROVED PART
 - 2 CORE: COATED FERRITE TOROID, K MATERIAL
 - 1 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY
- NOTES: UNLESS OTHERWISE SPECIFIED, READ TEXT FROM BOTTOM UP.

REVISION HISTORY		SIGN & DATE				
REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
A	130619	PRODUCTION RELEASE	AK	6/19/13	BO	6/19/13
B	130619	UPDATED APPLICATION DESCRIPTION	EO	8/19/13	BO	8/19/13
B1		UPDATED SCHEMATIC & DESCRIPTION	TN	04/10/18	JL	04/10/18

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
			PARTS LIST	
			www.coilw.com scales@coilw.com	
			CWS Coil Winding Specialist Inc. 353 West Grove Avenue Orange, CA 92865, USA	
			TITLE: Transmission Line Transformer For Balanced and Unbalanced Load 50 Ω : 800 Ω	
			SIZE (Dwg. No.) B BAL-U-800	REV B1
			SCALE NOT TO SCALE	SHEET 1 OF 1

UNLESS OTHERWISE SPECIFIED
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS].
TOLERANCE INCHES: \pm = ±0.30'
TOLERANCE METRICS: \pm = ±0.20'
XXX=±.010 XX=±.020 X=±.050
XXX=±.254 XX=±.51

ANGLE PROJECTION ϕ

DO NOT SCALE DRAWING